

#2



1 of 3

FORM PTO-1449 (Modified)

ATTY. DOCKET NO.  
1646-007ASERIAL NO.  
09/023,259

**LIST OF PATENTS AND PUBLICATIONS  
FOR APPLICANT'S INFORMATION  
DISCLOSURE STATEMENT**

APPLICANT  
Ritchie et al.

(Use several sheets if necessary)

FILING DATE  
February 18, 1998GROUP  
~~2741~~ 2747

## REFERENCE DESIGNATION

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
J.T.	AA 2 9 5 0 8 0 0	8/30/60	Caldwell			
J.T.	AB 4 3 7 9 2 8 8	4/5/83	Leung et al.	341	28	
J.T.	AC 4 5 0 0 8 7 2	2/19/85	Huang	341	28	
J.T.	AD 4 5 5 9 6 1 5	12/17/85	Goo et al.	707	535	
J.T.	AE 4 6 8 4 9 2 6	8/4/87	Yong-Min	341	28	
J.T.	AF 4 6 8 9 7 4 3	8/25/87	Chiu	341	20	
J.T.	AG 4 6 9 2 8 6 5	9/8/87	Hsu	707	535	
J.T.	AH 4 8 2 9 5 8 3	5/9/89	Monroe et al.	382	185	
J.T.	AI 4 9 3 7 7 4 5	6/26/90	Carmon	707	535	
J.T.	AJ 4 9 5 1 2 0 2	8/21/90	Yan	707	535	
J.T.	AK 4 9 5 4 9 5 5	9/4/90	Chiu			

## FOREIGN PATENT DOCUMENTS

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
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## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

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EXAMINER

JOSEPH THOMAS

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## U.S. PATENT DOCUMENTS

EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB- CLASS	FILING DATE IF APPROPRIATE
J.T.	AA 5 1 0 9 3 5 2	4/28/92	O'Dell	707	542	
J.T.	AB 5 1 1 9 2 9 6	6/2/92	Zheng et al.	707	535	
J.T.	AC 5 1 8 7 4 8 0	2/16/93	Thomas et al.	341	22	
J.T.	AD 5 1 9 7 8 1 0	3/30/93	Zhang et al.	400	110	
J.T.	AE 5 1 9 8 9 7 8	3/30/93	Garneau et al.	707	8	
J.T.	AF 5 2 1 2 6 3 8	5/18/93	Bernath	707	535	
J.T.	AG 5 2 1 2 7 6 9	5/18/93	Pong	345	467	
J.T.	AH 5 2 5 1 2 9 3	10/5/93	Ishii et al.	707	542	
J.T.	AI 5 2 5 5 1 8 9	10/19/93	Woo	707	535	
J.T.	AJ 5 2 9 5 2 3 8	3/15/94	Dickson	345	471	
J.T.	AK 5 3 1 9 5 5 2	6/7/94	Zhong	707	535	

## FOREIGN PATENT DOCUMENTS

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1646-007A

SERIAL NO.  
09/023,259

APPLICANT  
Ritchie et al.

FILING DATE  
February 18, 1998

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**REFERENCE DESIGNATION**

**U.S. PATENT DOCUMENTS**

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AA	5 3 6 0 3 4 3	11/1/94	Tang	434	118	98 JUN - 1 AM 9:32
AB	5 4 7 5 7 6 7	12/12/95	Du	382	135	
AC	5 4 8 8 3 6 3	1/30/96	Peng	341	28	
AD	5 5 2 4 1 9 8	6/4/96	Matsumoto et al.	345	340	
AE	5 5 4 8 6 3 4	8/20/96	Gahang et al.	379	93.27	
AF						
AG						
AH						
AI						
AJ						
AK						

**FOREIGN PATENT DOCUMENTS**

DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB- CLASS	TRANSLATION YES NO
AL					
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AO					
AP					

**OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)**

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Form PTO-1449 INFORMATION-DISCLOSURE STATEMENT	Docket No: 101102-0002	Serial No. 09/023,259
	Applicant: Wallace A. Ritchie et al.	
	Filed: February 13, 1998	Group <del>2741</del> 2747

## U. S. Patent Documents

Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
J.T.	3,647,973	3/7/72	James et al.	379	93.27	99 JAN 27 PM 1:35
J.T.	3,967,273	6/29/76	Knowlton	341	22	
J.T.	4,189,779	2/19/80	Brautingham	704	265	
J.T.	4,191,854	3/4/80	Coles	379	93.18	
J.T.	4,360,892	11/23/82	Endfield	707	534	
J.T.	4,381,502	4/26/83	Prame	341	26	
J.T.	4,426,555	1/17/84	Underkoffler	379	93.18	
J.T.	4,427,848	1/24/84	Tsakanikas	379	88.16	
J.T.	4,438,505	3/20/84	Yanagiuchi et al.	704	7	
J.T.	4,442,506	4/10/84	Endfield	341	22	
J.T.	4,481,508	11/6/84	Kamei et al.	345	171	
J.T.	4,549,279	10/22/85	Lapeyre	708	145	
J.T.	4,649,563	3/10/87	Riskin	379	93.27	
J.T.	4,661,916	4/28/87	Baker et al.	704	260	
J.T.	4,674,112	6/16/87	Kondraske et al.	379	93.18	

## Foreign Patent Documents

	Date	Country	Class	Subcl.	Filed
J.T.	0 204 536	12/10/86	EP		
J.T.	0 300 495	1/29/85	EP		
J.T.	0 574 110 A1	12/15/93	EP		
J.T.	2 060 231	4/29/81	GB		
J.T.	2 062 916	9/26/80	GB		

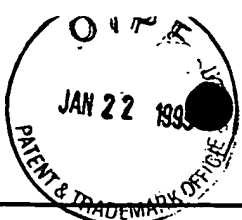
## OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)

J.T.	Minneman; 1985; A Simplified Touch-Tone® Telecommunication Aid for Deaf and Hearing Impaired Individuals: RESNA 8th Annual Conference, Memphis, Tennessee, pages 209-211.
J.T.	Levine et al.; 1986; Computer Disambiguation of Multi-Character Key Text Entry: An Adaptive Design Approach: CH2364-8/86/0000-0298 IEEE, pages 298-301.
J.T.	Foulds et al.; 1987; Statistical Disambiguation of Multi-Character Keys Applied to Reduce Motor Requirements for Augmentative and Alternative Communication: 0743-4618/87/0304-0192.

Examiner: JOSEPH THOMAS	Date Considered: 9/13/99
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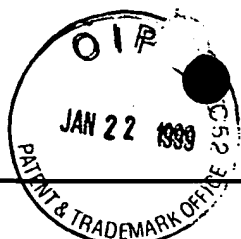
\*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

ATTACHMENT TO PAPER # 13



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Form PTO-1449		Docket No: 101102-0002		Serial No. 09/023,259			
INFORMATION-DISCLOSURE STATEMENT		Applicant: Wallace A. Ritchie et al.					
		Filed: February 13, 1998		Group 2741 2747			
U. S. Patent Documents							
Ex.		Doc. No.	Date	Name	Class	Subcl.	Filed
J.T.		4,677,659	6/30/87	Dargan	379	93.27	99 JAN 27 PM 1:35
J.T.		4,754,474	6/28/88	Feinson	379	93.18	RECEIVED 99 JAN 27 PM 1:35
J.T.		4,791,408	12/13/88	Heusinkveld	700	84	
J.T.		4,817,129	3/28/89	Risken	379	88.24	
J.T.		4,823,294	4/18/89	Rouhani	708	142	
J.T.		4,846,598	7/11/89	Livits	400	472	
J.T.		4,849,732	7/18/89	Dolenc	341	20	
J.T.		4,866,759	10/12/89	Riskin	379	93.27	
J.T.		4,872,196	10/3/89	Royer et al.	455	564	
J.T.		4,891,777	1/2/90	Lapeyre	708	130	
J.T.		5,031,206	7/9/91	Riskin	379	93.27	
Foreign Patent Documents							
			Date	Country	Class	Subcl.	Filed
J.T.		2 066 534	7/8/81	GB			
J.T.		2116341A	9/21/83	GB			
J.T.		2118749A	11/2/83	GB			
J.T.		2125197A	2/29/84	GB			
J.T.		48259	6/20/79	AU			
OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)							
J.T.		Levine et al.; 1987; Multi-Character Key Text Entry Using Computer Disambiguation: RESNA 10th Annual conference, San Jose, California, pages 177-178.					
J.T.		Kamphuis et al.; 1989; KATDAS; A Small Number of Keys Direct Access System: RESNA 12th Annual Conference, New Orleans, Louisiana, pages 278-279.					
J.T.		Kreifeldt et al.; 1989; Reduced Keyboard Designs Using Disambiguation: Proceedings of the Human Factors Society 33rd Annual Meeting, pages 441-444.					
Examiner: JOSEPH THOMAS				Date Considered: 9/13/99			
*EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							



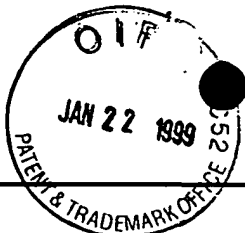
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Form PTO-1449		Docket No: 101102-0002		Serial No. 09/023,259		
INFORMATION-DISCLOSURE		Applicant: Wallace A. Ritchie et al.				
STATEMENT		Filed: February 13, 1998		Group <del>2741</del> 2747		
U. S. Patent Documents						
Ex.	Doc. No.	Date	Name	Class	Subcl.	Filed
J.T.	5,035,205	7/30/91	Schiller et al.	119	168	
J.T.	5,063,376	11/5/91	Chang	345	163	
J.T.	5,065,661	11/19/91	Hacker	84	749	
J.T.	5,067,103	11/19/91	Lapeyre	708	146	
J.T.	5,087,910	2/11/92	Guyot-Sionnest	345	169	
J.T.	5,128,672	7/7/92	Kaehler	341	23	
J.T.	5,131,045	7/14/92	Roth	704	237	
J.T.	5,156,475	10/20/92	Zilberman	400	473	
J.T.	5,163,084	11/10/92	Kim et al.	379	88.01	
J.T.	5,200,988	4/6/93	Riskin	379	52	
J.T.	5,210,689	5/11/93	Baker et al.	704	1	
J.T.	5,214,689	5/25/93	O'Sullivan	379	88.1	
Foreign Patent Documents						
		Date	Country	Class	Subcl.	Filed
J.T.	WO90/07149	6/28/90	PCT			
J.T.	0 319 193 A3	6/7/89	EPC			
J.T.	0 540 147 A2	5/5/93	EPC			
J.T.	0 651 315 A1	5/3/95	EPC			
J.T.	0 464 726 A2	1/8/92	EPC			
OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)						
J.T.		Arnott et al.; 9/1992; Probabilistic Character Disambiguation for Reduced Keyboards Using Small Text Samples: 0743-4618/92/0803-0215, pages 215-223.				
J.T.		Oommen et al.; 1992; Correction to "An Adaptive Learning Solution to the Keyboard Optimization Problem": 0018-9472/92 IEEE				
J.T.		"Speed Keyboard for Data Processor," IBM Technical Disclosure Bulletin, Bol. 23, pp. 838-839, July, 1980. © IBM Corp., 1993.				
Examiner: JOSEPH THOMAS			Date Considered: 9/13/99			
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Form PTO-1449 INFORMATION-DISCLOSURE STATEMENT				Docket No: 101102-0002		Serial No. 09/023,259	
				Applicant: Wallace A. Ritchie et al.			
				Filed: February 13, 1998		Group <del>2741</del> 2747	
U. S. Patent Documents							
Ex.		Doc. No.	Date	Name	Class	Subcl.	Filed
J.T.		5,218,538	6/8/93	Zhang	707	534	
J.T.		5,229,936	7/20/93	Decker et al.	704	10	
J.T.		5,255,310	10/19/93	Kim et al.	379	98.09	
J.T.		5,258,748	11/2/93	Jones	345	172	
J.T.		5,281,966	1/25/94	Walsh	341	22	
J.T.		5,289,394	2/22/94	Lapeyre, deceased	708	142	
J.T.		5,305,205	4/19/94	Weber et al.	707	531	
J.T.		5,317,647	5/31/94	Pagallo	382	161	
J.T.		5,339,358	8/16/94	Danish et al.	379	368	
J.T.		5,388,061	2/7/95	Hankes	708	142	
J.T.		5,392,338	2/21/95	Danish et al.	379	93.27	
J.T.		5,818,437	10/6/98	Grover et al.	345	326	
Foreign Patent Documents							
			Date	Country	Class	Subcl.	Filed
J.T.		WO89/05745	6/29/89	PCT			
J.T.		0 689 122 A1	12/27/95	EPC			
OTHER DOCUMENTS (Including Author, Title, Date, Pages, Etc)							
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A circular ink stamp from the Patent & Trademark Office. The text "PATENT & TRADEMARK OFFICE" is curved along the bottom inner edge. The date "MAR 22 1980" is stamped in the center. The letters "O I P" are visible at the top, and "T C A O" is visible on the right side, likely part of the office's name.



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